

For Research Use Only

CoraLite®594-conjugated TNiK Recombinant monoclonal antibody

Catalog Number: CL594-84231-4



Basic Information

Catalog Number: CL594-84231-4	GenBank Accession Number: BC150256	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 23043	CloneNo.: 241518D9
Source: Rabbit	UNIPROT ID: Q9UKE5	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: TRAF2 and NCK interacting kinase	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG34132	Observed MW: 155~180 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : K-562 cells,
Species Specificity: human	

Background Information

TNik (Traf2- and Nck-interacting kinase) is one of the germinal center kinase family members involved in cytoskeleton organization and neuronal dendrite extension, which had been implicated in postsynaptic signaling as well as in regulation of cell proliferation. TNiK is expressed in the nervous system and plays key roles at the synapse and nucleus. In non-neuronal cells, TNiK has been described as a critical component of transcriptional regulatory mechanisms, mediated by Wnt signaling (PMID: 24566388). TNiK is also an essential regulatory component of the T-cell factor-4 and β -catenin transcriptional complex and is required for the tumor-initiating function of colorectal cancer stem cells (PMID: 10521462). Western blot analysis detected TNiK at an apparent molecular mass of 150~180 kDa as cited in literature (PMID: 24566388).

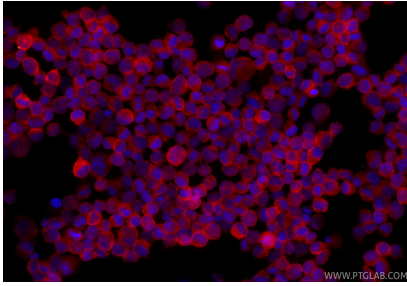
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using CoraLite® 594 TNiK antibody (CL594-84231-4, Clone: 241518D9) at dilution of 1:200.